




UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
401 M Street, S.W.  
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date April 8, 2003			EPA Reg No./File Symbol 73049-193		Page 1 of 4
Applicant's/Registrant's Name & Address Valent BioSciences Corporation 870 Technology Way Libertyville, IL 60048			Product Permanone 10 Insect Control		
Ingredient Permethrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
61-1/830.1550	Chemical Identity	See CSF	Valent BioSciences Corporation	OWN	
61-2/830.1600 & 830.1650	Beginning Materials & Manufacturing Process	41217801	Bayer Environmental Science	PER	
61-3/830.1670	Discussion of Formation of Impurities	41217801	Bayer Environmental Science	PER	
62-1/830.1700	Preliminary Analysis				NA - not an integrated system
62-2/830.1750	Certification of Ingredient Limits	See CSF	Valent BioSciences Corporation	OWN	
62-3/830.1800	Analytical Method to Verify Certified Limits	41217801	Bayer Environmental Science	PER	
63-2/830.6302	Color	41217801	Bayer Environmental Science	PER	
63-3/830.6303	Physical State	41217801	Bayer Environmental Science	PER	
63-4/830.6304	Odor	41217801	Bayer Environmental Science	PER	
63-5/830.7200	Melting Point				NA - end-product
63-6/830.7220	Boiling Point				NA - end-product
63-7/830.7300	Density, Bulk Density or Specific Gravity	41217801	Bayer Environmental Science	PER	
63-8/830.7840 & 830.7860	Solubility				NA - end-product
63-9/830.7950	Vapor Pressure				NA - end-product
63-10/830.7370	Dissociation Constant				NA - end-product
Signature 			Name and Title Janice K. Sharp, Ph.D. / Regulatory Manager, ESD		Date 04-08-2003




UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
401 M Street, S.W.  
WASHINGTON, D.C. 20460



Form Approved OMB No. 2070-0060

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date April 8, 2003			EPA Reg No./File Symbol 73049-193		Page 2 of 4
Applicant's/Registrant's Name & Address Valent BioSciences Corporation 870 Technology Way Libertyville, IL 60048			Product Permanone 10 Insect Control		
Ingredient Permethrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
63-11/830.7570	Octanol Water Partition Coefficient				NA - end-product
63-12/830.7000	pH	41217801	Bayer Environmental Science	PER	
63-13/830.6313	Stability				NA - end-product
63-14/830.6314	Oxidizing/Reducing Action	41217801	Bayer Environmental Science	PER	
63-15/830.6315	Flammability	41217801	Bayer Environmental Science	PER	
63-16/830.6316	Explosibility	41217801	Bayer Environmental Science	PER	
63-17/830.6717	Storage Stability	41217801	Bayer Environmental Science	PER	
63-18/830.7100	Viscosity	41217801	Bayer Environmental Science	PER	
63-19/830.6319	Miscibility	41217801	Bayer Environmental Science	PER	
63-20/830.6320	Corrosion Characteristics	41217801	Bayer Environmental Science	PER	
63-21/830.6321	Dielectric Breakdown Voltage				NA - not for use around electrical equipment
81-1/870.1100	Acute Oral Toxicity	41628001	Bayer Environmental Science	PER	
81-2/870.1200	Acute Dermal Toxicity	41628002	Bayer Environmental Science	PER	
81-3/870.1300	Acute Inhalation Toxicity	41628003	Bayer Environmental Science	PER	
81-4/870.2400	Primary Eye Irritation	41721802	Bayer Environmental Science	PER	
Signature 			Name and Title Janice K. Sharp, Ph.D. / Regulatory Manager, ESD		Date 04-08-2003




UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
401 M Street, S.W.  
WASHINGTON, D.C. 20460



Form Approved OMB No. 2070-0060

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date April 8, 2003			EPA Reg No./File Symbol 73049-193		Page 3 of 4
Applicant's/Registrant's Name & Address Valent BioSciences Corporation 870 Technology Way Libertyville, IL 60048			Product Permanone 10 Insect Control		
Ingredient Permethrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
81-5/870.2500	Primary Dermal Irritation	41628004	Bayer Environmental Science	PER	
81-5/870.2500	Primary Dermal Irritation	43895001	Bayer Environmental Science	PER	
81-6/870.2600	Dermal Sensitization	41628005	Bayer Environmental Science	PER	
81-6/870.2600	Dermal Sensitization	43102401	Bayer Environmental Science	PER	
95-11/810.3500	Efficacy Data - German cockroach, carpenter ants, crickets	44874706	Valent BioSciences Corporation	OWN	
95-11/810.3500	Efficacy Data - German cockroach, carpenter ants, crickets	44874705	Valent BioSciences Corporation	OWN	
95-11/810.3500	Efficacy Data - Pharoah, Fire & Crazy Ants	44874703	Valent BioSciences Corporation	OWN	
95-11/810.3500	Efficacy Data - Carpenter Ants (residual control)	44874702	Valent BioSciences Corporation	OWN	
95-11/810.3500	Efficacy Data - German Cockroaches (residual control)	44874701	Valent BioSciences Corporation	OWN	
95-11/810.3500	Efficacy Data - lone star & deer ticks (residual control)	44858204	Valent BioSciences Corporation	OWN	
95-11/810.3500	Efficacy Data - cat fleas	44874707	Valent BioSciences Corporation	OWN	
95-11/810.3500	Efficacy Data - house flies	44874708	Valent BioSciences Corporation	OWN	
95-11/810.3500	Efficacy Data - German & American Cockroach (residual)	43895101	Valent BioSciences Corporation	OWN	
95-11/810.3500	Efficacy Data - Lice	44921001	Valent BioSciences Corporation	OWN	
95-11/810.3500	Efficacy Data - cat fleas (residual control)	43895102	Valent BioSciences Corporation	OWN	
Signature 			Name and Title Janice K. Sharp, Ph.D. / Regulatory Manager, ESD		Date 04-08-2003



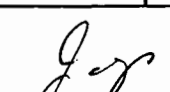
## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.  
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.26 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

## DATA MATRIX

Date April 8, 2003			EPA Reg No./File Symbol 73049-193		Page 4 of 4
Applicant's/Registrant's Name & Address Valent BioSciences Corporation 870 Technology Way Libertyville, IL 60048			Product Permanone 10 Insect Control		
Ingredient Deltamethrin & S-bioallethrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
95-11/830.3500	Efficacy Data - deer ticks	41851707	Valent BioSciences Corporation	OWN	
95-11/830.3500	Efficacy Data - deer ticks (residual control)	41851708	Valent BioSciences Corporation	OWN	
95-11/830.3500	Efficacy Data - deer ticks (residual control)	41851709	Valent BioSciences Corporation	OWN	
95-11/830.3500	Efficacy Data - scorpions	44783503	Bayer Environmental Science	PER	
95-11/830.3500	Efficacy Data - scorpions (supplement to 44783503)	44910901	Bayer Environmental Science	PER	
95-11/830.3500	Efficacy Data - German cockroach & cat fleas (residual)	45069302	Valent BioSciences Corporation	OWN	
95-11/830.3500	Efficacy Data - bedbugs, black flies, brown dog tick,	54288	Valent BioSciences Corporation	OWN	
	chiggers, deer flies, face flies, fire ants, horn flies, house				
	flies, lone star ticks, mosquitoes, oriental rat fleas, stable				
	flies, Tse Tse flies				
95-11/830.3500	Efficacy Data - spiders, bedbugs, German cockroach	67560	Valent BioSciences Corporation	OWN	
95-11/830.3500	Efficacy Data - centipedes, German cockroach	67567	Valent BioSciences Corporation	OWN	
95-9/830.3300	Efficacy Data - fleas & ticks on dogs (residual control)	none assigned	Valent BioSciences Corporation	OWN	4816-696
Signature 			Name and Title Janice K. Sharp, Ph.D. / Regulatory Manager, ESD		Date 04-08-2003



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
401 M Street, S.W.  
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date April 8, 2003


EPA Reg No./File Symbol 73049-193

Page 1 of 4

Applicant's/Registrant's Name & Address  
Valent BioSciences Corporation  
870 Technology Way  
Libertyville, IL 60048

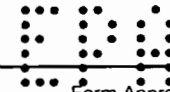
Product  
Permanone 10 Insect Control

Ingredient Permethrin

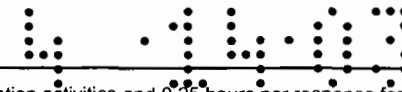
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Valent BioSciences Corporation	OWN	
			Bayer Environmental Science	PER	
			Bayer Environmental Science	PER	
			Valent BioSciences Corporation	OWN	
			Bayer Environmental Science	PER	
			Bayer Environmental Science	PER	
			Bayer Environmental Science	PER	
			Bayer Environmental Science	PER	
			Bayer Environmental Science	PER	
Signature			Name and Title		Date
			Janice K. Sharp, Ph.D. / Regulatory Manager, ESD		04-08-2003



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
401 M Street, S.W.  
WASHINGTON, D.C. 20460




Form Approved OMB No. 2070-0060



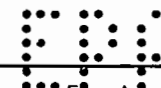
**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date April 8, 2003		EPA Reg No./File Symbol 73049-193		Page 2 of 4	
Applicant's/Registrant's Name & Address Valent BioSciences Corporation 870 Technology Way Libertyville, IL 60048		Product Permanone 10 Insect Control			
Ingredient Permethrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Bayer Environmental Science	PER	
			Bayer Environmental Science	PER	
			Bayer Environmental Science	PER	
			Bayer Environmental Science	PER	
			Bayer Environmental Science	PER	
			Bayer Environmental Science	PER	
			Bayer Environmental Science	PER	
			Bayer Environmental Science	PER	
			Bayer Environmental Science	PER	
			Bayer Environmental Science	PER	
			Bayer Environmental Science	PER	
			Bayer Environmental Science	PER	
Signature 			Name and Title Janice K. Sharp, Ph.D. / Regulatory Manager, ESD		Date 04-08-2003




UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
401 M Street, S.W.  
WASHINGTON, D.C. 20460



Form Approved OMB No. 2070-0060

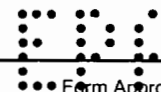
**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date April 8, 2003		EPA Reg No./File Symbol 73049-193		Page 3 of 4	
Applicant's/Registrant's Name & Address Valent BioSciences Corporation 870 Technology Way Libertyville, IL 60048		Product Permanone 10 Insect Control			
Ingredient Permethrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Bayer Environmental Science	PER	
			Bayer Environmental Science	PER	
			Bayer Environmental Science	PER	
			Bayer Environmental Science	PER	
			Valent BioSciences Corporation	OWN	
			Valent BioSciences Corporation	OWN	
			Valent BioSciences Corporation	OWN	
			Valent BioSciences Corporation	OWN	
			Valent BioSciences Corporation	OWN	
			Valent BioSciences Corporation	OWN	
			Valent BioSciences Corporation	OWN	
			Valent BioSciences Corporation	OWN	
			Valent BioSciences Corporation	OWN	
			Valent BioSciences Corporation	OWN	
			Valent BioSciences Corporation	OWN	
Signature 			Name and Title Janice K. Sharp, Ph.D. / Regulatory Manager, ESD		Date 04-08-2003




UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
401 M Street, S.W.  
WASHINGTON, D.C. 20460



Form Approved OMB No. 2070-0060

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date April 8, 2003		EPA Reg No./File Symbol 73049-193		Page 4 of 4	
Applicant's/Registrant's Name & Address Valent BioSciences Corporation 870 Technology Way Libertyville, IL 60048		Product Permanone 10 Insect Control			
Ingredient					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Valent BioSciences Corporation	OWN	
			Valent BioSciences Corporation	OWN	
			Valent Biosciences Corporation	OWN	
			Bayer Environmental Science	PER	
			Bayer Environmental Science	PER	
			Valent BioSciences Corporation	OWN	
			Valent BioSciences Corporation	OWN	
			Valent BioSciences Corporation	OWN	
			Valent BioSciences Corporation	OWN	
			Valent BioSciences Corporation	OWN	
Signature 			Name and Title Janice K. Sharp, Ph.D. / Regulatory Manager, ESD		Date 04-08-2003